



COMMONWEALTH of VIRGINIA

DEPARTMENT OF FORENSIC SCIENCE

CENTRAL LABORATORY
A Nationally Accredited Laboratory

700 NORTH 5TH STREET
RICHMOND, VIRGINIA 23219
(804) 786-6971

CERTIFICATE OF INSTRUMENT ACCURACY

INSTRUMENT: Intox EC/IR II
SERIAL NUMBER: 010437
CERTIFICATION DATE: November 15, 2013
DATE RECERTIFICATION DUE: May 14, 2014

The above listed instrument was found to meet all requirements for accuracy and performance established by the Department of Forensic Science. This certification is valid from the above listed certification date until the above listed date for recertification.

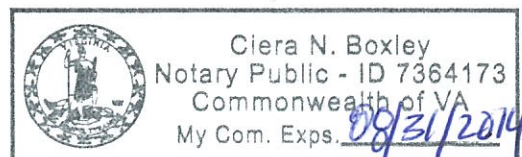
Melissa Kennedy
Program Manager, Calibration & Training

CITY OF RICHMOND
COMMONWEALTH OF VIRGINIA

The foregoing was acknowledged before me this 21st day of November, 2013 by Melissa Kennedy

Ciera N. Boxley, Notary Public

My commission expires: August 31, 2014



TLN
NDK

**Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 11/15/2013**

Instrument Serial Number: 010437

As of 15-Nov-13

Maintenance	Certification	Technician	
Date	Date	Initials	Remarks
15-Nov-13	15-Nov-13	TLN (25387)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED. REPLACED DRY GAS STANDARD.
30-May-13	30-May-13	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
12-Dec-12	12-Dec-12	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
08-Aug-12	06-Jul-12	DBH (21250)	REPLACED DRY GAS STANDARD.
06-Jul-12	06-Jul-12	SED (24178)	CERTIFIED. REPLACED DRY GAS STANDARD.
18-Jan-12	18-Jan-12	DBH (21250)	CERTIFIED
28-Jul-11	28-Jul-11	DBH (21250)	REPLACED DRY GAS STANDARD, CERTIFIED
01-Feb-11	01-Feb-11	RJP (22428)	CERTIFIED.
17-Aug-10	17-Aug-10	RJP (22428)	CERTIFIED.
03-Mar-10	03-Mar-10	RJP (22428)	REPLACED DRY GAS STANDARD. CERTIFIED
18-Sep-09	18-Sep-09	RJP (22428)	CERTIFIED.
14-Aug-09	14-Aug-09	NMJ (22392)	REPLACED TANK TOP LID, CERTIFIED.
16-Mar-09	16-Mar-09	RJP (22428)	FIRMWARE/SOFTWARE UPGRADE. CERTIFIED.
06-Feb-09	16-Oct-08	RJP (22428)	REPLACED DRY GAS STANDARD.
16-Oct-08	16-Oct-08	DBH (21250)	CERTIFIED.
02-Oct-08	02-Oct-08	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

TLN

128

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 010437 Worksheet Start Date 11/15/2013
Location Fluvanna County Sheriff's Office
Address 160 Commons Blvd., Palmyra, Va 22963
DFS Technician Timmy Neece, Jr. License No. 25387

☐ Laboratory ☒ On-Site

Site Specifications

Yes No

- 1 **Secured Environment:**
Location must not be accessible to the general public. ☒ ☐
- 2 **Environment free from contaminants** ☒ ☐
- 3 **Dedicated telephone line:**
The phone line should be used solely by the instrument. ☒ ☐
- 4 **Adequate Ventilation:**
Enough space must be provided for the instrument and the printer to allow for adequate ventilation. ☒ ☐
- 5 **Stable temperature controls:**
The instrument should not be exposed to direct sources of temperature variation. ☒ ☐
- 6 **115VAC power source:**
Whenever possible instrument power circuit should not be shared with refrigerators, copy machines or other high amperage devices. ☒ ☐
- 7 **Room Condition:**
The site should be free of excessive moisture, heat and dust. ☒ ☐

Old serial no.	New serial no.	Supplies
E-Seek		Mouthpieces 50
Keyboard		Certificates of Analysis 50
Printer		Operator Worksheet
UPS		Other:

Maintenance (if any)
Firmware/Software Upgrade.

Comments (if any)

Instrument Serial Number	010437	Certification Date	11/15/2013
Instrument Barometer (mm HG)	755	Reference Barometer (mm HG)	760
Reference Barometer(RB)Serial #	009111	RB Calibration Due	5/23/2014

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.248
0.250	0.248	0.240	0.255	Sample 2	0.248
Precision		sample min	sample max	Sample 3	0.247
0.001		0.247	0.248		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.149
0.150	0.149	0.144	0.153	Sample 2	0.149
Precision		sample min	sample max	Sample 3	0.149
0		0.149	0.149		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.079
0.080	0.079	0.076	0.082	Sample 2	0.080
Precision		sample min	sample max	Sample 3	0.080
0.001		0.079	0.080		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.019
0.020	0.020	0.017	0.023	Sample 2	0.019
Precision		sample min	sample max	Sample 3	0.019
0		0.019	0.019		

all measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

☒ Calibrated ☒ Certified ☒ Replaced dry gas standard (+O-ring)

Dry gas standard Lot No. (with tank no.) AG217702-17

☒ Measurement Assurance Check ☒ Run a Breath Test (Instrument Test)

(successful completion denotes satisfactory condition of the item)

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.099
0.100	0.099	0.096	0.102	Sample 2	0.099
Precision		sample min	sample max	Sample 3	0.099
0		0.099	0.099		

DFS Technician  Date 11/15/13

Issuing Analyst  Date 11/18/13



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY NEECE, JR., TIMMY, L		AGENCY DFS Central Lab
DFS LICENSE NUMBER 25387	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 11/15/2013
TEST EQUIPMENT NUMBER 010437		

RESULTS: TIME SAMPLE TAKEN **10:49 EST**

SAMPLE'S ALCOHOL CONTENT **0.00** GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20 _____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____
OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 15 Nov 2013 at 15:24

TLV

WDL

Test Results

Instrument Serial Number 010437

Test # 001161 Subject Test

Test Location 1 Department of
Test Date 15 Nov 2013

Test Location 2 Forensic Science
Test Time 10:43
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name NEECE, JR.
Agency DFS Central Lab

Operator's First Name TIMMY

License Number 25387
Operator's Middle Initial L

Card Serial Number 125387

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 15 Nov 2013 End Time 10:50

Result Time 10:49

Result Date 15 Nov 2013 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 10:43

Data Type BLK

Sample Value 0.000

Sample Time 10:44

Data Type CHK

Sample Value 0.100

Sample Time 10:45

Data Type BLK

Sample Value 0.000

Sample Time 10:46

Data Type SUBJ

Sample Value 0.000

Sample Time 10:47

Data Type BLK

Sample Value 0.000

Sample Time 10:48

Data Type SUBJ

Sample Value 0.000

Sample Time 10:49

Data Type BLK

Sample Value 0.000

Sample Time 10:50

Standard Type Dry Gas Std

Standard Value 0.099

Standard Lot Number AG219101-11

Standard Expiration Date 07/09/2014

Tank Pressure 174

Barometric Pressure 755 mmHg

Blow Sample Number 1 Blow Duration 3.35 sec

Blow Volume 1798 cc End-of-Blow Time 10:47

Blow Sample Number 2 Blow Duration 3.82 sec

Blow Volume 1891 cc End-of-Blow Time 10:49

Tamper Evident Stamp 44b93116

Test Status Code 0

Test Status Success

TLN

Intox EC/IR-II: Accuracy Check

WBL

Department of Forensic Science

Serial Number: 010437 Test Number: 1162

Test Date: 11/15/2013 Test Time: 10:53 EST

Dry Gas Target: 0.099

Lot Number: AG219101-11 Exp Date: 07/09/2014

Tank Pressure: 174 psi Barometric Pressure: 755 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	10:54
CHK	0.099	10:54
BLK	0.000	10:56
CHK	0.099	10:57
BLK	0.000	10:58
CHK	0.099	10:59

Test Status: *Success*

Calibration CRC: 6DC26167

TLN

Intox EC/IR-II: Accuracy Check

AKL

Department of Forensic Science

Serial Number: 010437 Test Number: 1163

Test Date: 11/15/2013 Test Time: 11:03 EST

Dry Gas Target: 0.298

Lot Number: AG322702-03 Exp Date: 08/15/2015

Tank Pressure: 232 psi Barometric Pressure: 755 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:04
CHK	0.298	11:04
BLK	0.000	11:06
CHK	0.298	11:06
BLK	0.000	11:08
CHK	0.297	11:08

Test Status: *Success*

Calibration CRC: 6DC26167

T2N

Intox EC/IR-II: Software Version

Department of Forensic Science

Serial Number: 010437

System Date: 11/15/2013

System Time: 11:33 EST

Software Version: VS00333-K

Software CRC: 56745BCA

Firmware Version: VS00171-CL

Firmware CRC: 7107756B

WJL

TLN

WBE

Intox EC/IR-II: Calibration

Department of Forensic Science

Serial Number: 010437 Test Number: 1164

Test Date: 11/15/2013 Test Time: 11:36 EST

Dry Gas Target: 0.099

Lot Number: 0651210013-01 Exp Date: 04/01/2014

Tank Pressure: 830 psi Barometric Pressure: 754 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:37
CAL	0.099	11:38

Test Status: *Success*

Calibration CRC: 78CCE308

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010437 Test Number: 1165
Test Date: 11/15/2013 Test Time: 11:41 EST

Technician Initials: TLN

Dry Gas Target: 0.248

Lot Number: 0651225015-02 Exp Date: 04/01/2014

Tank Pressure: 566 psi Barometric Pressure: 754 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	11:41
BLK	0.000	11:42
CHK	0.248	11:43
BLK	0.000	11:44
CHK	0.248	11:45
BLK	0.000	11:47
CHK	0.247	11:48
BLK	0.000	11:49

Success

Standard Value (at sea level): 0.250 g/210L

Certification Status: Continued

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010437 Test Number: 1166
Test Date: 11/15/2013 Test Time: 11:52 EST

Technician Initials: TLN

Dry Gas Target: 0.149

Lot Number: 0651215014-06 Exp Date: 04/01/2014

Tank Pressure: 75 psi Barometric Pressure: 754 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	11:52
BLK	0.000	11:53
CHK	0.149	11:54
BLK	0.000	11:55
CHK	0.149	11:56
BLK	0.000	11:57
CHK	0.149	11:58
BLK	0.000	12:00

Success

Standard Value (at sea level): 0.150 g/210L

Certification Status: Continued

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010437 Test Number: 1167
Test Date: 11/15/2013 Test Time: 12:02 EST

Technician Initials: TLN

Dry Gas Target: 0.079

Lot Number: 0651208012-06 Exp Date: 04/01/2014

Tank Pressure: 115 psi Barometric Pressure: 754 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	12:03
BLK	0.000	12:04
CHK	0.079	12:04
BLK	0.000	12:06
CHK	0.080	12:06
BLK	0.000	12:08
CHK	0.080	12:08
BLK	0.000	12:10

Success

Standard Value (at sea level): 0.080 g/210L

Certification Status: Continued

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010437 Test Number: 1168
Test Date: 11/15/2013 Test Time: 12:12 EST

Technician Initials: TLN

Dry Gas Target: 0.020

Lot Number: 0651202011-07 Exp Date: 04/01/2014

Tank Pressure: 203 psi Barometric Pressure: 754 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	12:13
BLK	0.000	12:13
CHK	0.019	12:14
BLK	0.000	12:15
CHK	0.019	12:16
BLK	0.000	12:17
CHK	0.019	12:18
BLK	0.000	12:19

Success

Standard Value (at sea level): 0.020 g/210L

Certification Status: Success

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010437 Test Number: 1169

Test Date: 11/15/2013 Test Time: 12:23 EST

Dry Gas Target: 0.298

Lot Number: AG322702-03 Exp Date: 08/15/2015

Tank Pressure: 227 psi Barometric Pressure: 754 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	12:24
CHK	0.299	12:25
BLK	0.000	12:27
CHK	0.299	12:27
BLK	0.000	12:29
CHK	0.299	12:30

Test Status: *Success*

Calibration CRC: 78CCE308

TLN

NSM

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010437 Test Number: 1170

Test Date: 11/15/2013 Test Time: 12:39 EST

Dry Gas Target: 0.099

Lot Number: AG217702-17 Exp Date: 06/25/2014

Tank Pressure: 884 psi Barometric Pressure: 753 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	12:40
CHK	0.099	12:41
BLK	0.000	12:42
CHK	0.099	12:43
BLK	0.000	12:44
CHK	0.099	12:45

Test Status: Success

Calibration CRC: 78CCE308

TLN

WMA

INSTRUMENT TEST, L

COMMONWEALTH OF VIRGINIA Lab
DEPARTMENT OF FORENSIC SCIENCE

25387

10/01/2014

11/15/2013

010437



CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

11/15/2013

12:55 EST

NAME OF ACCUSED	NAME OF COURT
0.00	

BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY		AGENCY
DFS LICENSE NUMBER	LICENSE EXPIRES	DATE TEST CONDUCTED
TEST EQUIPMENT NUMBER		

RESULTS: TIME SAMPLE TAKEN _____

SAMPLE'S ALCOHOL CONTENT _____ GRAMS PER 210 LITERS OF BREATH

Reprinted because paper caught in printer. TLN 11-15-13

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20 _____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____
OPERATOR'S SIGNATURE




COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY NEECE, JR., TIMMY, L		AGENCY DFS Central Lab
DFS LICENSE NUMBER 25387	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 11/15/2013
TEST EQUIPMENT NUMBER 010437		

RESULTS: TIME SAMPLE TAKEN 12:55 EST
SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20____.

BREATH TEST OPERATOR

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SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____
OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 15 Nov 2013 at 15:28

TLN

AWA

Test Results

Instrument Serial Number 010437

Test # 001171 Subject Test

Test Location 1 Department of

Test Date 15 Nov 2013

Test Location 2 Forensic Science

Test Time 12:49

Remote/Local Local

Test Location 3

System Check Passed

Operator's Last Name NEECE, JR.

Agency DFS Central Lab

Card Serial Number 125387

Subject's Last Name INSTRUMENT

Subject's Middle Initial

Driver's License Number

Driver's License State

Operator's First Name TIMMY

License Number 25387

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's First Name TEST

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Expiration 00/00/0000

Court Name DFS

End Date 15 Nov 2013 End Time 12:56

Result Time 12:55

Result Date 15 Nov 2013 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 12:49

Data Type BLK

Sample Value 0.000

Sample Time 12:50

Data Type CHK

Sample Value 0.098

Sample Time 12:51

Data Type BLK

Sample Value 0.000

Sample Time 12:52

Data Type SUBJ

Sample Value 0.000

Sample Time 12:53

Data Type BLK

Sample Value 0.000

Sample Time 12:54

Data Type SUBJ

Sample Value 0.000

Sample Time 12:55

Data Type BLK

Sample Value 0.000

Sample Time 12:56

Standard Type Dry Gas Std

Standard Value 0.099

Standard Lot Number AG217702-17

Standard Expiration Date 06/25/2014

Tank Pressure 879

Barometric Pressure 753 mmHg

Blow Sample Number 1 Blow Duration 2.94 sec

Blow Volume 1801 cc End-of-Blow Time 12:53

Blow Sample Number 2 Blow Duration 5.45 sec

Blow Volume 2736 cc End-of-Blow Time 12:55

Tamper Evident Stamp c6a1b0c7

Test Status Code 0

Test Status Success